

AP/IFW  
1744

Atty. Docket No. B06506

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hilscher et al.	)	Examiner: Snider, Theresa
Serial Number: 09/811,080	)	Group Art Unit: 1744
Filed: March 16, 2001	)	For: Dental Cleaning Device

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Honorable Sir:

**TRANSMITTAL**

1. Herewith are the following documents for the above-identified application:

- (a) Third Info. Disc. Statement (I.D.S.), 2 pages, with
- (b) 3 pages of Form 1449, with the listed 49 references.

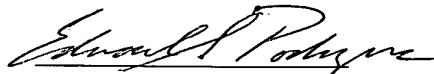
2. The fee required by this paper has been calculated as follows:

- |   |               |
|---|---------------|
| (a) Total independent claims in excess of highest number<br>previously paid for ( (- 3) = x \$86) | \$            |
| (b) Additional claims ((- previously paid for) = @ \$18)  | \$            |
| (c) Petition for submission of prior art (§1.17(p))   | \$ <u>180</u> |
| Total Fee \$ <u>180</u>   |               |

3. The Commissioner is hereby authorized to charge the above-indicated fees totaling \$ 180, plus any additional fees under §1.16 and §1.17, including time extension fees, required by this communication, to Deposit Account No. 07-1350. A **duplicate** copy of this authorization is enclosed.

Respectfully submitted,

Patent Department  
The Gillette Company  
Prudential Tower Building  
Boston, MA 02199  
(617) 421-7939 (6 a.m.-12 noon, EST)

  
Edward S. Podszus  
Reg. No. 35,983  
Attorney for Applicant(s)  
Date: October 4, 2004

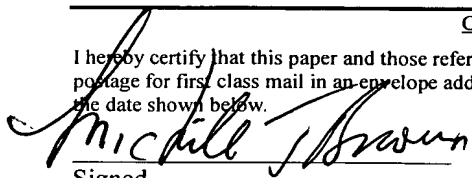
Certificate of First Class Mailing under §1.08

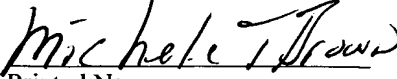
I hereby certify that this paper and those referenced herein are being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signed

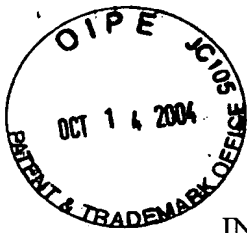
Printed Name

Date

  
Michelle Brown

  
Michelle Brown

  
10/12/04



Atty. Docket No. B06506

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hilscher et al.	)	Examiner: Snider, Theresa
Serial Number: 09/811,080	)	Group Art Unit: 1744
Filed: March 16, 2001	)	For: Dental Cleaning Device

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Third Information Disclosure Citation Under 37 C.F.R. §1.97(c)(2)**

Applicants have submitted herewith for the Examiner's consideration copies of the references identified in the attached form PTO-1449. Applicants respectfully request that the Examiner carefully review all of the submitted references and kindly make them of record by initialing the PTO-1449. This submission is made in good faith to comply with the obligation to disclose material information under 37 C.F.R. §1.56 and should not be construed as an admission that the references submitted are relevant or are prior art. The Commissioner is hereby authorized to charge any fees which may be required by this paper, or credit any overpayment, to Deposit Account Account No. 07-1350. A Transmittal Cover Sheet authorizing the §1.17(p) petition fee is enclosed in duplicate.

The first Office Action mailed Feb. 3, 2004 indicated at page 2 that the non-patent prior art was not submitted with the I.D.S. filed September 13, 2002 (items BO-BP-BQ-BR-BS). This is not correct, as the undersigned had included those documents, but it appeared from a telephone conversation with Examiner that the documents were not scanned in by the PTO image scan-in system. To facilitate prosecution, those copies including color copies where indicated in that IDS are being re-submitted herewith and identified again on the Form-1449, as Applicants indicated they would do as stated in the Response that was filed July 6, 2004. It is also noted that in response to a previous telephone request from Examiner, these documents had already been faxed to Examiner. A description of these resubmitted references was made in the IDS filed Sept. 10, 2002, but if Examiner wishes to inspect the items she is invited to contact the undersigned who will arrange for a personal interview.

**Certificate of First Class Mailing under §1.08**

I hereby certify that this paper and those referenced herein are being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signed

Printed Name

Date

10/18/2004 SSANDARA 00000016 09811080

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Disclosure of Applicants' Other Pending Applications:

Out of an abundance of caution, Applicants identify two other pending applications on the Form 1449 ("Other Publication") that are of the same co-inventors that pertain to somewhat analogous subject matter. These are applications:

U.S. Ser. No. 10/241,274 filed Sept. 10, 2002, pending with Examiner Randall Chin, since published as 2003/0101526 on June 5, 2003 (internal Atty. Dkt. B 06630); and


U.S. Ser. No. 10/662,237, filed Sept. 15, 2003, pending with Examiner Mark Spisich, having a projected publication date of June 10, 2004 (internal Atty. Dkt. B 06410).

Foreign Language references

Among the foreign references in this I.D.S. are German-language documents, for which English language database Abstracts are provided. The five German patent references listed at "CI" to "CM" have already been reviewed and initialed on the Form 1449 as having been made of record by Examiner from a previous I.D.S. where they were submitted without abstracts, but for the sake of completeness they are being re-submitted with available English abstracts, and it is kindly requested that these be re-initialed as of record.

The non-patent literature articles listed at "CP" and "CQ", which are the Finkenzeller "RFID Handbook" and the Herzer article respectively, are discussed in Applicants' above-mentioned co-pending published US 2003/0101526 A1, made of record herewith, at paragraphs numbered [0049] on page 10 and [0011] on page 2, respectively.

Respectfully submitted,



Edward S. Podszus  
Reg. No. 35,983  
Attorney for Applicants  
(617) 421-7939 (EST)

*4 October, 2004*

Patent Department  
The Gillette Company  
Prudential Tower Building  
Boston, MA 02199

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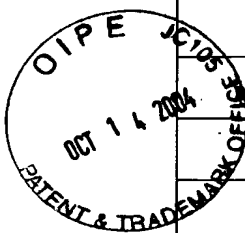
PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B06506

APPLICANT: Hilscher et al.  
SERIAL NO.: 09/811,080  
FILING DATE: March 16, 2001

SHEET 2 OF 3  
Examiner: Snider, T.  
GROUP: 1744



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	BA	5,392,028	2/21/1995	Pichl	340	572	12/6/1993
	BB	5,576,693	11/19/96	Tyren et al.	340	572	1/20/1993
	BC	5,065,137	11/12/91	Herman	340	572	8/3/1990
	BD	4,736,207	4/5/1988	Siikaria et al.	343	895	1/31/1986
	BE	4,704,602	11/3/1987	Åsbrink	340	551	2/5/1985
	BF	4,352,098	9/28/1982	Stephen et al.	340	572	5/16/1980
	BG	3,810,147	5/7/1974	Lichtblau	340	280	12/30/1971
	BH	5,577,285	11/26/96	Drössler	15	22.1	10/29/1993
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE
	BI	00/39768 ✓	7/6/2000	WO	G08B	13/24	
	BJ	00/42584 ✓	7/20/2000	WO	G08B	13/14	
	BK	37 08 801 ✓	9/29/88	DE	A61B	17/39	Abs.
	BL	199 53 651 ✓	10/05/01	DE	G08B	13/22	Abs.
	BM	195 18 935 ✓	5/23/95	DE	A61C	17/00	Abs.
	BN	195 06 129 ✓	2/22/95	DE	A61C	17/00	Abs.
	BO	199 23 104 A1 ✓	11/23/00	DE	A46B	15/00	Abs.
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	BP	Product use instructions to Bausch & Lomb Interplak travel-style "Voyager" model TK-2 marked © 1991 (6 photocopied sheets containing cover and pages 1-10).					
	BQ	Color photographs of Bausch & Lomb "Interplak" Model PB-6 style Handpiece with waterproof electronic travel protection switch (believed ca. 1992 on sale in United States) (6 views on 1 page).					
	BR	Package rear and bottom panels of Bausch & Lomb Interplak Model PB-6, marked © 1992 (color copy, 1 sheet).					
	BS	PCT Search Report in corresponding PCT/EP 01/ 02862 dated 31 July 2001 (3pp.).					
	BT	"RFID Made Easy" Handbook by EM Microelectronic-Marin SA, 2074 Marin, Switzerland, copr. 2000 and dated March, 2001, Rev. C/350, pp. 1-33.					
EXAMINER:				DATE CONSIDERED:			

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# U.S. PATENT & TRADEMARK OFFICE

PTO FORM 1449

INFORMATION DISCLOSURE CITATION

DOCKET NO.: B06506

APPLICANT: Hilscher et al.  
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SHEET 1 OF 3  
Examiner: Snider, T.  
GROUP: 1744

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	6,531,873	3/11/2003	Wohlrabe	324	422	5/4/2000
	AB	5,337,435	8/16/94	Krasner et al.	15	23	9/18/1992
	AC	5,812,065	9/22/98	Schrott et al.	340	825.54	12/8/1995
	AD	5,784,742	7/28/1998	Giuliani et al.	15	22.1	6/23/1995
	AE	6,177,870	1/12/01	Lian et al.	340	572.5	1/13/1999
	AF	6,029,303	2/29/2000	Dewan	15	105	3/4/1998
	AG	5,760,580	6/2/1998	Tyren	324	239	4/25/1995
	AH	US 2003/0115694	6/26/2003	Pace	15	22.1	12/20/2001
	AI	2003/0101526	6/5/2003	Hilscher et al.	15	22.1	9/10/2002
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATE
	AJ	848 921 ✓	6/24/1998	EP	A46B	15/00	
	AK	787 469 ✓	8/06/97	EP	A61C	17/16	
	AL	391 967 B1 ✓	8/12/92	EP	A61C	19/00	
	AM	294 548 B1 ✓	4/7/93	EP	A61C	17/00	
	AN	634 151 ✓	3/16/94	EP	A61C	17/34	
	AM	00/74591 ✓	12/14/00	WO	A61C	17/22	
	AP	01/91603 ✓	12/6/2001	WO	A46B	9/10	
	AQ	98/24527 ✓	6/11/1998	WO	A63F	9/00	
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
	AR	Use instructions to Braun D5 electric toothbrush Type 4726 on sale in United States, circa 1991 (3 sheets; incl. cover and pp. 8-11) including description of "Travel lock" switch.					
	AS	Color photographs of Bausch & Lomb "Interplak" Model PB-4B style Handpiece with travel protection switch and Toothbrush attachment (handpiece stamped "1D IA", believed circa 1992 on sale in the United States) (2 sheets with 7 views).					
	AT	Package rear and bottom panels of Bausch & Lomb Interplak Model PB-4B, marked © 1990 (color copy, 1 sheet).					
EXAMINER:				DATE CONSIDERED:			

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

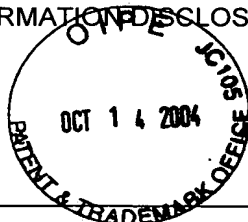
# U.S. PATENT & TRADEMARK OFFICE

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SHEET 3 OF 3  
Examiner: Snider, T.  
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U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE	
	CA							
	CB							
	CC							
	CD							
	CE							
	CF							
	CG							
	CH							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATE	
	CI	296 08 164 /	04/05/96	DE	A61C	17/22	Abs.	
	CJ	299 15 858 U1 /	9/9/99	DE	A46B	15/00	Abs.	
	CK	40 36 373 C2 /	15/11/90	DE	H02J	7/00	Abs.	
	CL	198 32 607 /	18/05/00	DE	A47K	1/09	Abs.	
	CM	42 43 219 A1 /	19/12/92	DE	A61C	17/22	Abs.	
OTHER PUBLICATIONS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)								
	CN	PCT Search Report in Applicants' other PCT/EP 01/ 02844 dated 8 August 2001 (3pp.) corresponding to their U.S. Ser. No. 10/662,237 (their internal Dkt. B 06410).						
	CO	PCT Search Report in Applicants' other PCT/EP 02/ 01724 dated 17 July 2002 (3pp.) corresponding to their U.S. Ser. No. 10/241,274 (their internal Dkt. B 06630).						
	CP	Finkenzeller, Klaus, "RFID-Handbuch, Grundlagen und praktische Anwendungen induktiver Funkanlagen, Transponder und kontaktloser Chipkarten" [Trans: "RFID Handbook, Fundamentals and practical Applications to inductive radio Communications, Transponders and Contactless Chip Cards"], Carl Hanser Verlag München, 2nd Edition, Chapter 3, pages 29 to 58 w/ title page and Impressum, Contents pages vii-xviii, and Appendices 15.2 "Standards" and 15.3 "Literature" on pages 393 to 406.						
	CQ	Herzer, Gieselher, "Der grosse Lauschangriff auf Ladendiebe" [transl. "The great surveillance of Shoplifters"] in Physikalische Blaetter [transl.: Physics Letters] Vol. 57 (2001), No. 5, pp. 43-48.						
EXAMINER:				DATE CONSIDERED:				

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